

10/20/2004  
Wednesday October 20, 2004 @ 10:58:50 AM  
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## GENERAL NOTES

1. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING BY CALLING J.U.L.I.E. AND BY NOTIFYING NON-J.U.L.I.E. MEMBERS INDIVIDUALLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS: (MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY \*. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.)

- AMERITECH - COMMUNICATIONS
- AMEREN - UE - ELECTRIC TRANSMISSION
- AMEREN - UE - ELECTRIC
- AT & T CORPORATION - COMMUNICATIONS
- CHARTER COMMUNICATIONS, INC. - CABLE TV
- SHELL PIPELINE COMPANY LP - PIPELINE
- EXPLORER PIPELINE COMPANY - PIPELINE
- ILLINOIS AMERICAN WATER CO. - WATER
- ILLINOIS POWER CO. - GAS & ELECTRIC
- LACLEDE GAS CO. - GAS
- LACLEDE PIPELINE CORP. - PIPELINE
- LEVEL 3 COMMUNICATIONS, LLC - COMMUNICATIONS
- MCLEOD USA TELECOMMUNICATIONS, INC. - COMMUNICATIONS
- METRO-EAST SANITARY DISTRICT - SANITARY SEWER
- RELIANT ENERGY - PIPELINE
- NETWORKS, 360 - COMMUNICATIONS
- QWEST NETWORK CONSTRUCTION SERVICES - COMMUNICATIONS
- SPRINT COMMUNICATIONS CO. - COMMUNICATIONS
- VENICE, CITY OF - SANITARY SEWER
- WILLIAMS TELECOMMUNICATIONS, LLC - COMMUNICATIONS
- WORLDCOM - COMMUNICATIONS

MISSOURI LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING BY CALLING MISSOURI ONE CALL AND BY NOTIFYING NON-MISSOURI ONE CALL MEMBERS INDIVIDUALLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS: (MEMBERS OF MISSOURI ONE CALL (800) 344-7483 ARE INDICATED BY \*. NON-MISSOURI ONE CALL MEMBERS MUST BE NOTIFIED INDIVIDUALLY.)

- AMEREN- UE - ELECTRIC TRANSMISSION
- AMEREN- UE - ELECTRIC
- AT&T CORPORATION - COMMUNICATIONS
- CHARTER COMMUNICATIONS, INC. - CABLE TV
- DIGITAL TELEPORT, INC. - COMMUNICATIONS
- INTERMEDIA COMMUNICATIONS, INC. - COMMUNICATIONS
- LACLEDE GAS CO. - GAS
- LACLEDE PIPELINE CORP. - PIPELINE
- LEVEL 3 COMMUNICATIONS, LLC - COMMUNICATIONS
- MALLINCKRODT, INC. - WATER & SANITARY SEWER
- MCLEOD USA TELECOMMUNICATIONS, INC. - COMMUNICATIONS
- METROPOLITAN ST. LOUIS SEWER DISTRICT - SANITARY SEWER
- NETWORKS, 360 - COMMUNICATIONS
- ST. LOUIS, CITY OF - ELECTRIC
- ST. LOUIS, CITY OF - WATER
- SOUTHWESTERN BELL TELEPHONE - COMMUNICATIONS
- TRIGEN - ST. LOUIS ENERGY CORPORATION - WATER & SANITARY SEWER
- WILLIAMS TELECOMMUNICATIONS, LLC - COMMUNICATIONS
- WORLDCOM - COMMUNICATIONS

2. THE STANDARDS AND REVISION NUMBERS SHALL APPLY TO THIS PROJECT.

3. THE CONTRACTOR SHALL FURNISH AND INSTALL WOOD SIGN SUPPORTS IN ACCORDANCE WITH SECTION 30 OF THE STANDARD SPECIFICATIONS; HOWEVER, INSTALLATION BY METHOD 'A' (ARTICLE 730.04(A)) SHALL BE THE ONLY METHOD PERMITTED.

4. THE CONTRACTOR SHALL PROVIDE A GATE (MINIMUM OF 30') AND LOCK AT SECOND STREET (TO THE EAST) AND HALL STREET (TO THE EAST) FOR CONTRACTOR ACCESS TO THE BRIDGE PROPERTY. FOR SECURITY REASONS, THESE GATES SHALL BE LOCKED AT ALL TIMES EXCEPT UPON ENTERING AND LEAVING THE AREA. THE CONTRACTOR SHALL SUPPLY THE DEPARTMENT WITH 3 KEYS AT THE TIME OF INSTALLATION. ALL WORK NECESSARY SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

5. THE CONTRACTOR SHALL REMOVE ALL EXISTING DEBRIS FROM THE R.O.W. PRIOR TO CONSTRUCTION ACTIVITIES COMMENCING. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04.

- 5a. THE TEMPORARY CONCRETE BARRIER, STATE FURNISHED IS LOCATED AT IL ROUTE 3 AND MISSOURI AVENUE IN GRANITE CITY. THE CONTRACTOR SHALL PICK UP THE BARRIER AT THIS LOCATION AND PLACE ALONG THE NORTH R.O.W. UNDER THE BRIDGE BETWEEN HALL STREET AND THE BNSF RAILROAD PRIOR TO THE DEMOLITION COMMENCING AND SHALL STAY IN PLACE UNTIL THE CONTRACT IS COMPLETED. THE PLACEMENT OF THE BARRIER SHALL BE COORDINATED WITH PSC METALS TO ALLOW ACCESS TO BOTH SIDES OF THE BRIDGE R.O.W. UPON COMPLETION OF THE PROJECT. THE TEMPORARY CONCRETE BARRIER SHALL BECOME THE PROPERTY OF THE CONTRACTOR FOR HIS REMOVAL AND DISPOSAL. THE COST FOR REMOVAL AND DISPOSAL SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST FOR "TEMPORARY CONCRETE BARRIER (STATE OWNED)". THE INTENTION OF THE BARRIER IS TO CONTAIN AND SEPARATE THE CONSTRUCTION MATERIALS FROM THE MATERIALS HANDLED BY PSC METALS.

6. WHERE ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC.
7. WHENEVER IN THE PLANS REFERENCE IS MADE TO THE "STANDARD SPECIFICATIONS" IT IS UNDERSTOOD THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2002.
8. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAKING FIELD MEASUREMENTS OF ALL EXISTING CONSTRUCTION IMPACTED BY THE NEW WORK TO ASSURE CONSISTENCY WITH THE PROPOSED CONSTRUCTION. ALL DISCREPANCIES IN DIMENSIONS, CHARACTER OR EXTENT OF THE EXISTING FEATURES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE ADVANCING THE WORK.
9. THE THICKNESS OF BITUMINOUS MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
10. EXCEPT AS NOTED IN THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
11. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
12. PROTECTIVE COAT SHALL BE APPLIED TO THE SURFACES OF NEW CONCRETE ACCORDING TO SECTION 420 OF THE STANDARD SPECIFICATIONS.
13. THE CONTRACTOR IS ALERTED TO THE FACT THAT EXISTING POWER LINES ARE ACTIVE AND CARE SHOULD BE TAKEN NOT TO DAMAGE POLES OR EQUIPMENT TO REMAIN.
14. SAW CUTTING SHALL BE CONSIDERED INCLUDED WITH THE COST OF THE REMOVAL ITEM INVOLVED.
15. THE FOLLOWING CONSTANTS WERE USED IN THE CALCULATION OF QUANTITIES FOR THIS PROJECT:

BITUMINOUS CONCRETE (SURFACE & INCIDENTAL)	0.056 TON/SQ. YD./INCH
BITUMINOUS MATERIAL PRIME COAT	0.0003129 TON/SQ. YD.
AGGREGATE PRIME COAT	0.015 TON/SQ. YD.
GRANULAR MATERIAL	2.1 TONS/C.Y.

16. THE FOLLOWING BITUMINOUS MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT.

MIXTURE USE	SURFACE	LEV BINDER	BINDER
AC/PG	SBS PG 76-22	SBS PG 76-22	PG 70-22
RAP % (MAX)	0%	0%	0%
DESIGN AIR VOIDS	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90
MIX COMPOSITION (GRADATION MIXTURE)			IL 19.0
FRICTION AGG	MIXTURE D	MIXTURE C	MIXTURE B

17. THE COST OF TIE BARS #4 SHALL BE INCLUDED IN THE COST OF COMBINATION CONCRETE CURB & GUTTER, TYPE B-9.12.
18. STRIP REFLECTIVE CRACK CONTROL TREATMENT SHALL BE INSTALLED AT ALL JOINTS AND LANE LINES OF PAVEMENT.
19. THE TIE BARS #4 SHALL BE EMBEDDED A MINIMUM OF 6" INTO THE EXISTING PAVEMENT.
20. THE ARMY CORPS OF ENGINEERS HAS RELIEF WELLS AND PIEZOMETERS IMMEDIATELY UPSTREAM OF THE CONSTRUCTION SITE ON THE ILLINOIS AND MISSOURI SHORES. THE CONTRACTOR SHALL TAKE PRECAUTIONS NOT TO DAMAGE THESE FACILITIES. COORDINATION SHALL BE AS INDICATED IN THE SPECIAL PROVISION FOR PUBLIC COORDINATION.
21. THE CONTRACTOR SHALL ERECT A TEMPORARY FENCE, AS DESCRIBED IN SECTION 201 OF THE STANDARD SPECIFICATIONS. THE FENCE SHALL BE PLACED ALONG THE SOUTH R.O.W. UNDER THE BRIDGE BETWEEN HALL STREET AND THE BNSF RAILROAD PRIOR TO DEMOLITION COMMENCING AND SHALL STAY IN PLACE UNTIL THE CONTRACT IS COMPLETED. THE PLACEMENT OF THE FENCE SHALL BE COORDINATED WITH PSC METALS TO ALLOW ACCESS TO BOTH SIDES OF THE BRIDGE R.O.W. THE INTENTION OF THE BARRIER IS TO SHOW THE R.O.W. AND SEPARATE THE CONSTRUCTION MATERIALS FROM THE MATERIALS HANDLED BY PSC METALS.
22. IN THE PLANS, WHEN TRAFFIC BARRIER TERMINAL TYPE 3, SPECIAL IS ENCOUNTERED, THIS SHOULD READ IMPACT ATTENUATORS (FULLY REDIRECTIVE NARROW), TL2.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9105	119BR	MADISON	425	5
STA.		TO STA.		
FED. ROAD DIST. NO. 8		ILLINOIS FED. AID PROJECT		

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## COMMITMENTS

- A. THE PEREGRINE FALCON IS AN ENDANGERED SPECIES, WHICH HAS NESTING LOCATIONS WITHIN THE PROJECT LIMITS. THE DEPARTMENT HAS TAKEN STEPS TO LURE THE FALCON AWAY FROM THE PROJECT AREA. IF THE CONTRACTOR OR THE RESIDENT ENGINEER ENCOUNTERS THE FALCON, EGGS, OR NEST WITHIN THE PROJECT AREA, THE RESIDENT ENGINEER SHALL CONTACT THE ENVIRONMENTAL STUDIES MANAGER AS SPECIFIED IN THE SPECIAL PROVISIONS.
- B. PRIOR TO ANY WELDING OR TORCH CUTTING NEAR THE MALLINCKRODT PROPERTIES, THE CONTRACTOR MUST NOTIFY TONY LUKEZIC (314) 654-5680 AT MALLINCKRODT A MINIMUM OF 24 HOURS IN ADVANCE OF THIS NATURE OF WORK COMMENCING.
- C. AT THE END OF EACH WORK DAY, WHEN WORK IS BEING PERFORMED NEAR THE MALLINCKRODT PROPERTIES, AN INSPECTION OF MALLINCKRODT SHALL BE PERFORMED BY THE RESIDENT ENGINEER, CONTRACTOR AND A MALLINCKRODT REPRESENTATIVE IN ORDER TO DETERMINE IF ANY CONSTRUCTION DEBRIS SHALL BE REMOVED BY THE CONTRACTOR.
- D. THE COAST GUARD REQUIRES A PROJECT INFORMATION RECORD BE COMPLETED AND SUBMITTED A MINIMUM OF THIRTY (30) DAYS PRIOR TO WORK OVER THE RIVER COMMENCING. SEE MAINTENANCE OF NAVIGATION SPECIAL PROVISION.
- E. PRIOR TO CONSTRUCTION ACTIVITIES, THE RESIDENT ENGINEER SHALL CONDUCT MEETINGS BETWEEN THE CONTRACTOR, CITY OF ST. LOUIS AND TRILNET TO DISCUSS THE EFFECTS OF THE BIKE TRAIL DURING CONSTRUCTION.
- F. THE CONTRACTOR WILL BE REQUIRED TO PLACE PROTECTIVE COVERING AT VARIOUS LOCATIONS ON THE MISSOURI SIDE TO PROTECT THE PUBLIC. THIS SHALL BE DONE IN ACCORDANCE WITH THE SPECIAL PROVISION PEDESTRIAN TRAFFIC CONTROL AND PROTECTION.
- G. IF ANY DAMAGE TO THE BIKE TRAIL IS INCURRED DUE TO THE CONTRACTOR'S OPERATION, THE CONTRACTOR SHALL MAKE REPARATION AT HIS/HER OWN EXPENSE ACCORDING TO SECTION 107 OF THE STANDARD SPECIFICATIONS.
- H. APPROXIMATELY 2 ACRES, LOCATED NORTH OF BREMEN AVENUE, WILL BE AVAILABLE TO THE CONTRACTOR TO USE FOR STAGING AND STORAGE OF MATERIALS, SEE PLAN SHEET. ACCESS TO THIS PROPERTY WILL NOT BE PERMITTED UNTIL SEPTEMBER 1, 2004, AND SHALL BE COORDINATED WITH THE RESIDENT ENGINEER.
- I. THE CONTRACTOR SHALL BE AWARE THAT THE CONTRACT WILL NOT BE AWARDED UNTIL THE FOLLOWING HAS BEEN RESOLVED BY PARTIES OTHER THAN THE CONTRACTOR:  
A) DEFEASEMENT OF THE BONDS  
B) EXTINGUISHMENT OF EXISTING PROPERTY TAXES  
C) TRANSFER OWNERSHIP OF THE BRIDGE TO THE STATE OF ILLINOIS
- J. ONCE THE CONTRACTOR HAS COMPLETED DRIVING PILES AT PIER 13, THE RESIDENT ENGINEER SHALL COORDINATE WITH THE DISTRICT UTILITIES ENGINEER TO VERIFY WITH METROPOLITAN SEWER DISTRICT THAT A VOID HAS NOT BEEN CREATED IN THE 3' X 4' ABANDONED FILLED BRICK SEWER DUE TO PILE OPERATIONS.
- K. PRIOR TO, DURING, AND UPON COMPLETION OF DRIVING PILES AT PIER 13 & PIER 14, THE RESIDENT ENGINEER SHALL VIDEO TAPE THE CONDITION OF THE 60" LINED BRICK SEWER AT PIER 13 & PIER 14.

GEN-1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
McKINLEY BRIDGE OVER MISSISSIPPI RIVER  
FAU ROUTE 9105 (IL) FAU ROUTE 5408 (MO) SEC. 119BR  
MADISON COUNTY

## GENERAL NOTES

SCALE: NONE  
DATE: JULY 31, 2003

DRAWN BY: MD  
CHECKED BY: MSA



- REVISED 9/15/04 TTBB

REV.: 07-10-03